

MCS scientist shares 'Next Generation Award'

Two researchers from the Argonne and the University of Southern California's School of Engineering's Information Sciences Institute have won the Global Information Infrastructure (GII) "Next Generation Award" for their work in advancing the technology and application of high-performance distributed computing.



Foster

Computer scientists Ian Foster (MCS) of Argonne and Carl Kesselman, of the University of Southern California, won the award for GUSTO (Globus Ubiquitous Supercomputing Testbed), a prototype for future computational grids that will make computing power available to users on demand the way power grids make electricity available.

Foster and Kesselman's software will enable users of advanced networks like "Internet 2" to access the power of the linked supercomputers, scientific instruments, virtual reality environments and mammoth data archives transparently.

"Our hope is that access to distributed resources such as supercomputers will someday become consistent, dependable and

"Imagine if the average small investor had access to a \$10 million supercomputer able to run a billion calculations per second."

pervasive. People will take it for granted," said Kesselman.

Foster said access to supercomputing capabilities through computational grids will change the way people think about and use high-end computing. "Imagine if the average small investor had access to a \$10 million supercomputer able to run a billion calculations per second," he said. "These are the tools that banks and the captains of industry have."

"Fundamentally new applications such as tele-immersion, remote visualization, smart instruments and distributed supercomputing are only possible with the creation of new networking software," said Foster.

GUSTO is part of Globus, a research and development project advancing the technology and application of high-performance distributed computing by developing new software tools. So far, the main beneficiaries have been scientists and engineers who have used it for a range of experimental applications.

In one such application, SF-Express, developed by scientists at the California Institute of Technology, nine of the largest computers in the country were linked to run the largest distributed interactive simulation ever performed, more than a thousand times larger than could be run on a single system.

The Globus team also includes the Aerospace Corporation and an international group of universities, national laboratories and other organizations.

The GII Awards is an independent awards program that recognizes and promotes best practices and new models in the use of Internet and network technologies. The Next Generation category targets exemplary uses of the information infrastructure that demonstrate its direction and future potential by involving cutting-edge information and communications technologies.

Globus research and development is supported by the Defense Advanced Projects Administration, the U.S. Department of Energy and the National Science Foundation.



OLYMPIC HOPEFULS — Angie Bumb (OD) and her horse Lori took part in tryouts for the U.S. Olympic equestrian team. *Photo courtesy of Pam Olsen, PROFOTO*

Equestrian tries out for Olympics

Argonne-West's Angie Bumb is one of seven of the Idaho Falls' top equestrians who took part in the U.S. Olympic Equestrian Team Talent Search May 8-10 in Park, Colorado.

Bumb, secretary in the Operations Division, took her thoroughbred mare Lori to the three-day event. Bumb will be judged on Lori's training, appearance and willingness to jump fences at least three feet high.

If Bumb places in the top four overall, she could be asked to compete for a spot on the U.S. Equestrian Team.

"I don't expect to win, but I just expect my horse to be consistent and try to perform at the top of her level," Bumb said. "It would be nice to come back with some ribbons and money, but it's an honor just to be asked to compete."

'Spirit Awards' note waste, pollution reduction

Bernie Kestel (MSD), Gary Schlesselman (ECT) and Kent Orlandini (ER) received inaugural editions of the Waste Management and Pollution Prevention "Spirit Awards" at an Earth Day Forum at Argonne-East on April 24.

The Spirit Awards provide recognition to individuals or small groups that have exhibited exceptional efforts to incorporate waste management and pollution prevention in their daily work. The Spirit Awards are sponsored by Argonne's WM&PP Advisory Committee.

Kestel (MSD) found a way to reduce by one-third the volume of chemical solutions used in thinning samples for an electron microscope. His low-cost, custom-made polyethylene block displaces liquid needed to thin samples, much like using a brick to reduce the amount of water used in a toilet. Kestel accomplished this without having



SPIRITED — Winners of the first Waste Management and Pollution Prevention "Spirit Awards" are, from left to right, Kent Orlandini (ER), Gary Schlesselman (ECT) and Bernie Kestel (MSD). The awards recognize efforts to incorporate waste management and pollution prevention in daily work. *Photo by George Joch*

to modify the apparatus that is used to prepare samples.

Schlesselman helped Argonne recycle approximately 18,000

pounds of old computer tapes (about 13,000 tapes), saving the laboratory about \$6,500 and a large

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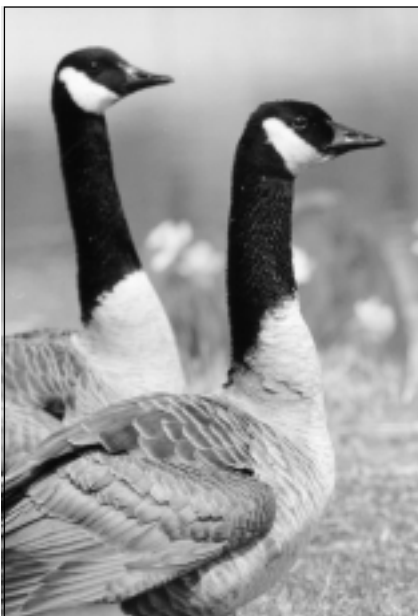
Inside this issue

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- Toastmasters set to celebrate 30th anniversary
- Spring arrives at Argonne-East

Vernal views

Although the winter of 1997-98 was mild by Chicago-area standards, the arrival of spring was welcome at Argonne-East. Photographer George Joch (IPD) toured the site and took these photos on one of the first warm days of the year.

Below left, Teriann (IPD) and Chris Girard (PFS) enjoy their lunches *alfresco* near Argonne-East's Building 201. At right, daffodils glow in the sunlight at Building 222.



FRESH GREENS — This group of fallow deer does enjoy the succulent new grass. At left, Canada Geese (*Branta canadensis*) are pairing up all over the Argonne-East site.

Building 201 will appear in TV drama

Argonne-East's Building 201 will be featured in an episode of the television show "Early Edition" on Saturday, May 9.

The show, set in Chicago, stars Kyle Chandler as Gary Dobson. Dobson's world has been turned upside down ever since a mysterious cat started appearing on his doorstep with a copy of the next day's headlines.

In Saturday's episode, "Don't Walk Away, Renee," a childhood friend of Dobson's has been targeted by a group determined to steal a computer disk carrying her research.

Building 201 "plays" the Wayland Corporation where two men disguised as police detectives arrest Dobson and his friend, Renee, and search her office for the confidential computer program.

The Early Edition crew came to the lab April 15 and filmed in the Building 201 lobby and other offices on the first floor. Shooting started late in the afternoon and continued through the night, wrapping up about 5:30 a.m. the next morning.

The show airs at 8 p.m. on CBS, Channel 2 in Chicago and Channel 3 in Idaho Falls.

Class to focus on environmental management

The U.S. Department of Energy is sponsoring "Introduction to ISO 14000 Environmental Management System (EMS)," a free training class, Tuesday, May 19, at Argonne-East.

All Argonne employees are eligible to attend.

The one-day course will be held from 8 a.m. to 4:30 p.m. in the Building 203 Auditorium.

The course will cover EMS implementation and establishing the infrastructure necessary for the effective planning and deployment of pollution prevention. It is designed for those involved in environmental operations, programs, management systems and pollution prevention.

To register, call Regenia Griswold (DOE) at ext. 2-2151 by Tuesday, May 12.

Princeton student wins Meyer-Schutzmeister Award

Olgica Bakajin is this year's winner of the Luise Meyer-Schutzmeister Award, an honor given by the Chicago Area Chapter of the Association for Women in Science and named for an Argonne physicist.



Meyer-Schutzmeister

Bakajin is a graduate student with Princeton University, where she is developing pulse-field elec-

trophoresis methods for DNA fractionation in hexagonal arrays. This research is contributing to the understanding of the dynamics of polymers (long-chain molecules) and may have a great impact on molecular biology.

Before graduating with honors from the University of Chicago, she worked on a now-famous study of the formation of ring stains from liquid drops. That study resulted in an article in *Nature*.

The Luise Meyer-Schutzmeister Award was created by the Asso-

ciation for Women in Science for graduate students in physics. Meyer-Schutzmeister worked at Argonne from 1956-1981. She helped perform measurements of gamma rays produced in nuclear reactions and conducted studies of the behavior of nuclei.

The Chicago Area Chapter of the Association for Women in Science gives women scientists in industry, academia and government an environment for exchanging ideas, experiences, strategies and advice.



Argonne News is published weekly for Argonne employees by the Office of Public Affairs. Send news items to Editor Dave Jacqu , Building 201, Room 2Q-02 (OPA-201). Voice: ext. 2-5582. Fax: ext. 2-5274. E-mail: info@anl.gov. Argonne-West correspondent: Dolores Lagerquist, Bldg. 752, ext. 3-7523. Deadline for all materials is 5 p.m. Monday. Argonne National Laboratory is operated by the University of Chicago for the U.S. Department of Energy. Vol. 51, No. 18.

Toastmasters Club to celebrate its 30th year

The Argonne Toastmasters Club will mark its 30th anniversary with a celebration at the Argonne Guest House Thursday, May 14.

The gathering will begin with a social hour at 5:30 p.m., followed by dinner at 6:30 p.m.

All past and present members of the club, and those interested

in joining, are invited to attend.

For more information, call Toastmasters Club President Carolyn Arthur (HR) at ext. 2-9023.

Seminars

Send seminar listings to Evie Fagan, Building 201, Room 2U-09 (OPA-201). Deadline is 5 p.m. Monday. Seminar listings *only* can be sent by e-mail to efagan@anl.gov. Note new e-mail address.

Monday, May 11

Chemistry Division Monday Morning Seminar Series: **"Imaging, Spectroscopy and Dynamics of Single Molecules, Single Proteins and Biological Membranes"** by Sunney Xie, Pacific Northwest National Laboratory, Richland, Wash. 11 a.m., Bldg. 200 Auditorium.

Physics Division Seminar: **"Weak Capture of Protons by Protons"** by Rocco Schiavilla, Thomas Jefferson National Accelerator Facility, Newport News, Va. and Old Dominion University, Norfolk, Va. 3:30 p.m., Bldg. 203, Conference Room R150.

Tuesday, May 12

Energy Technology Division Seminar: **"Experimental Limitations of Impedance Spectroscopy for Solid State Studies"** by Tom Mason, Krebbs Professor of Materials Science and Engineering, Northwestern University, Evanston, Ill. 10:30 a.m., Bldg. 212, Conference Room A157.

Wednesday, May 13

Chemistry Division Seminar: **"Recent Developments in X-Ray Diffraction Spectroscopy"** by Julie Cross, Naval Research Laboratory, Washington, D.C. 10 a.m., Bldg. 200, Conference Room J183.

High Energy Physics Division Seminar: **"Multiphoton Light-by-Light Inelastic Scattering"** by Adrian Melissinos University of Rochester, N.Y. 3:30 p.m., Bldg. 362, Conference Room F108.

Thursday, May 14

Chemistry Division Seminar: **"Using a Synchrotron to Address Questions in Environmental Molecular Science"** by Ken Kemner, (ER). 10 a.m., Bldg. 200, Conference Room J183.

Friday, May 15

Chemistry Division Seminar: **"Oxidation State of R in the Superconducting $Pb_2Sr_2R_{1-x}Ca_xCu_3O_8$ (R=Rare Earth) System"** by S. Skanthakumar, (CHM). 10 a.m., Bldg. 200, Conference Room J183.

Physics Division Colloquium: **"Supersymmetry — What? Why? When?"** by Gordon Kane, University of Michigan, Ann Arbor. 11 a.m., Bldg. 203 Auditorium.

Materials Science Division Seminar: **"The Molecular Ordering Within Conducting Polymers: A View From a Structural Perspective"** by M.J. Winokur, Department of Physics, University of Wisconsin, Madison. 11 a.m., Bldg. 223, Conference Room S105.

Monday, May 18

Intense Pulsed Neutron Source Division Seminar: **"Effects of Hydrogen on Intermetallic Compounds $TbNiAl$ and $UNiAl$ "** by Heloisa Bordallo, Los Alamos National Laboratory. 11 a.m., Bldg. 360, Conference Room A224.

Physics Division Seminar: **"Proton-Neutron Pairing in Nuclei"** by Stuart Pittel, University of Delaware, Newark. 3:30 p.m., Bldg. 203, Conference Room R150.

Tuesday, May 19

Chemistry Division Seminar: **"Real-Time X-Ray Scattering Studies of GaN During MOCVD Growth"** by Anneli Munkholm, (MSD). 10 a.m., Bldg. 200, Conference Room J183.

Wednesday, May 20

High Energy Physics Division Seminar: **"Solar Neutrinos"** by John N. Bahcall, Institute of Advanced Study, Princeton, N.J. 3:30 p.m., Bldg. 362, Conference Room F108.

Additional seminars appear on the Argonne News World Wide Web site:
<http://www.anl.gov/news.html>

Argonne Club hosts outings to ball games

The Argonne Club is sponsoring trips to Kane County Cougars and Chicago White Sox baseball games.

The Cougars will play the Cedar Rapids Kernels on Friday, May 15. Tickets are \$8, including bus transportation to and from the game. Tickets for those who will drive to the game are \$5.

The White Sox will play the St. Louis Cardinals on Monday, June 8. All tickets are \$11 and include bus transportation.

Tickets will be sold in Argonne-East's Building 213 Cafeteria on weekdays from Monday, April 27 through Friday, May 8.



3 honored for pollution prevention

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amount of landfill space. Schlesselman found a qualified vendor to recycle the tapes, and ensured the destruction of their contents without compromising sensitive information.

Orlandini has made extraordinary efforts to find potential users for surplus chemicals and radioisotopes. His extensive knowledge of the people and activities within Argonne and DOE allowed him to identify good homes for these chemicals and radioisotopes.

For more information about the Spirit Awards or to nominate a fellow Argonne employee, contact Keith Trychta (EMO) at ext. 2-1476 or Dave Peterson (ER) at ext. 2-3924.



What's for lunch?

Menus for the cafeterias at both Argonne sites and the Guest House are at:
<http://www.anl.gov/OPA/local/anlnews.html>

Classified Ads

ARGONNE-WEST

1995 PONTIAC — Grand Am GT, coupe, 34K miles, power everything, remote keyless entry, AT, excellent condition. \$13,000. Valerie Garretson, (208) 357-2571.

FOUND — Woman's ring, found in parking lot, week of April 21. David Clayden, (208) 523-8215.

MISCELLANEOUS

DOUBLE STROLLER — Blue, hardly used, excellent condition. \$60. Bill Brzowski, (630) 887-7765.

AIR CONDITIONER — 5,000 BTUs, window unit. \$125. Bill Ruzicka, (630) 858-1880.

SAILBOAT — 25', Catalina, nice cruising boat, very good condition, I can teach you how to sail. \$8,900 o.b.o. Dieter Wolf, (630) 985-1922.

DORM FRIDGE — Absocold, 2' x 1.5', brown, great condition. \$60 o.b.o. Cathy Derry, (815) 744-1730.

MISCELLANEOUS — Wurlitzer upright piano w/bench, cherry finish. \$450. Smith Corona electronic portable typewriter w/hard plastic case, like new. \$50. Jacquie Habenicht, (815) 834-1422.

BEANIE BABIES — Retired Ally the Alligator, Bucky the Beaver, Goldie the Goldfish, Lizzy the Lizard, Seamore the Sea Lion, Hoot the Owl, Splash the Whale, body tags & swing tags to 4th generation. Teddy Brown Bear, new faced, has creased swing tag. Best offer. Kevin Cleary, (708) 388-1587 - leave message.

TEENIE BEANIES — Unopened, Goldie and Lizz. Kevin Cleary, (708) 388-1587 - leave message.

MISCELLANEOUS — 19-piece, blue & gold coffee service, imported from Europe. Value \$850 - asking \$400. Ladies, antique smoky topaz ring. \$100. Rosegold, Gypsy ring w/rosecut diamonds. \$180. Silver necklace w/2 large pendants. \$45. Pewter plate w/hunting scene. \$25. Martha Teitlus, (708) 233-2654.

WOODWORKING EQUIPMENT — Shopsmith V w/accessories, extender table, scroll saw, strip sander, dust collection, biscuit joiner. Craftsman router & bit, router table & 1 set of bits. Pat Yesaitis, (630) 968-0012.

MISCELLANEOUS — 486 Packard Bell PC w/color monitor & Panasonic laser printer. \$500. Large wood desk. \$75. Matching wood credenza. \$75. PC table. \$75. File cabinet. \$30. \$650 for everything. Mike Vonder Heide, (630) 985-8887.

MISCELLANEOUS — Creative Labs Sound Blaster, AWE 32, sound card for PC. \$45 o.b.o. Men's Motobecome bicycle, 27" frame, 10-speed. \$50 o.b.o. Ron Vollmer, (630) 416-1061.

GARAGE SALE — May 15 & 16, 9 a.m. - 4 p.m., 311 Edinburgh Drive, Lockport. D. Schoening, (815) 838-6176.

MITER SAW — Hitachi, 10" compound miter saw, bought fall '97, selling due to move overseas. New \$280 - asking \$180. Chris Bischof or c_bischof@acm.org.

GARAGE SALE — May 16, 9 a.m. - 3 p.m., multi-family, 6650 Barrett Street, Downers Grove, children's items, typewriter, treadmill, luggage, much more. Pat Garner, (630) 963-3082.

MISCELLANEOUS — 72 Honda dirt bike. \$75. 55 gallon fish tank w/stand, good condition. \$100. Linda DeVito, (708) 349-1807.

GARAGE SALE — Saturday, May 9, 8 a.m. - 2 p.m., First Christian Church, 801 63rd Street, Downers Grove. Call for list. Dixie Franklin, (630) 852-2873.

Classified ad request forms are available in stockrooms, at the Office of Public Affairs in Building 201, and at Argonne-West's Building 752, Room D109. The old half-sheet forms are acceptable, but note that the deadline is incorrect. Deadline for classified ads is **5 p.m. Monday**.

Please note: All classified ads appear on Argonne's World Wide Web site and can be seen by the public.

Requests can be submitted by fax to ext. 2-5274, or by inter-office mail to Evie Fagan, Building 201, Room 2U-09 (OPA-201). A drop-off box is located at the *Argonne News* office, Building 201, room 2Q-02 and at 2U-09.

Request forms must be signed and must include a home phone number. Ads cannot be accepted by phone or electronic mail. Please limit ads to 25 words; longer ads may be edited. Housing listed for sale or rent is available without regard to race, creed, color or national origin.

Argonne-West employees are welcome to submit classified ads to *Argonne News*. Request forms are available at the office of Argonne-West Correspondent Dolores Lagerquist, Building 752, Room D109. When completed, fax the request form to the *Argonne News* office at (630) 252-5274.

PATIO FURNITURE — 3-piece, 2 chairs, 42" x 22", 1 chaise, 70" x 22", pastel floral pattern, terra cotta, aqua & white on neutral background, very soft & comfortable, like new condition. \$30. B. Grazis, (630) 852-9014.

MOVING SALE — Flossmoor, 2914 MacFarlane Crescent, Friday & Saturday, May 15 & 16, 9 a.m. - 5 p.m., furniture, art supplies, lots more. Harvey Rarback, (708) 957-4055.

TIRES — 185/70 SR 14, Sears Roadhandler, SCR radial & P175/70 R13, 825 Michelin LX1 radial, like new. \$45/each. Jill Jonkouski, (773) 586-1664.

JET SKI — 94 Polaris SL 750, w/trailer, spare & cover, excellent condition. low hours. \$3,750. Rod Habbe, (815) 838-3444.

LAWN MOWER — Craftsman, rear engine rider, 10 HP, electric start, mulcher, 30" deck, 5-speed, very good condition. \$400. Ray Rucinski, (630) 985-1146.

ROLLERBLADES — Ladies, Bravoblade Rollerblades, size 5, very good condition. New \$140 - asking \$40. Leslie Poch, (630) 852-8135.

FURNITURE — 3-piece corner unit, table w/2 twin size cots, includes matching covers & 3 bolsters, excellent condition. \$150. E. Ann Moravek, (630) 257-2119.

TICKETS — Kane County Cougar tickets, 3-box seats, section 108, row E, Thursday, May 28, 3-box seats, section 106, row D, Thursday, Aug. 13. \$7/each. Dave Baurac, (630) 963-3127.

FURNITURE — Lane, gray enamel end tables & cocktail table, 37" x 38". \$110/all three. Patio table, 42" round w/4 chairs. \$50 o.b.o. Judi Mertz, (630) 964-3124.

FURNITURE — Walnut dining room set, table w/one insert, 6 padded seat chairs, 1 w/arm rest, china cabinet w/glass front, mint condition. \$300. James Kotora, (708) 352-7435.

AIR CONDITIONER — Panasonic, window unit, 5000 BTUs, EER = 8.0, 7 years old. \$70. Steve Butala, (630) 858-9675.

MOUNTAIN BIKE — Cannondale M300LE, 24", galaxy sky blue, hardly ridden, less than a year old, great condition, includes water-bottle rack & bag. \$375. Steven Rose, (630) 942-0935.

AUTOMOBILES

1992 CHEVROLET — Lumina Euro, 3.4 V6 engine, 4 door, PW, PL, tile, cruise, CD player, maintained, good running condition. \$4,295. Barbara Fletcher, (815) 436-0019.

1984 HONDA — Prelude, 104K miles, runs great, some rust. \$1,200 o.b.o. Bruce Brown, (630) 968-0908.

1991 CHEVROLET — Camero, 16" alloy rims, V8 engine, 69K miles, teal exterior, black interior, driver-side airbag, one owner. \$5,500 o.b.o. Lori Hermes, (630) 904-6258.

1989 PONTIAC — Grand AM, 116K miles, one owner. \$1,200 o.b.o. Kevin Byrne, (630) 665-3992.

1986 LINCOLN — Town Car Carrier, fully loaded, telephone, starter, radar detector, 118K miles, good condition. \$2,000 o.b.o. Kim Lalumendre, (708) 301-8415 - after 5 p.m.

1988 BUICK — Century, 4-door, 48K miles, AC, PS, PB, AM/FM cassette, cruise, tilt. \$4,000 o.b.o. Jill McGregor, (815) 744-3313.

1984 CHRYSLER — New Yorker, white, 4-door, leather interior, 2 new tires, new battery, no rust. \$1,900. Dixie Franklin, (630) 852-2873.

1993 FORD — Geo Prism, 40K miles, fully loaded, sunroof. Allen Sylvan, (630) 778-8643.

1995 FORD — Probe, 34.5K miles, 5-speed, white, excellent condition. Allen Sylvan, (630) 778-8643.

1985 CHEVROLET — S10, 4 X 4, regular cab, 6' bed, new '89 Camaro V-6 conversion, many new parts, no rust. \$3,250 o.b.o. Larry Kurek, (630) 226-0535.

1993 MITSUBISHI — Diamante wagon, sporty luxury, gold metallic, 60K miles, V6, AT, premium sound w/CD, all extras, selling due to move over seas. \$9,500. Chris Bischof, (630) 515-9413 or c_bischof@acm.org.

1992 TOYOTA — Tercel DX, 4-door, sedan, blue, 77K miles, AT, AC, PS, PB, AM/FM cassette, excellent condition, like new. \$4,850 o.b.o. Alexander Fotin, (630) 964-4339.

1993 PONTIAC — Grand Am GT, AT, air, loaded, excellent condition. \$8,675. Kimberly Smith, (815) 254-0619.

1995 CHEVROLET — C-3500, 1-ton dually pick-up, silverado package, 454, towing package, garage kept AT, excellent condition, 18.5K miles. \$22,000 o.b.o. Jim Huggins, (815) 838-6406 - leave message.

1990 CHEVROLET — S-10 pick-up, AT, PS, PB, AC, AM/FM stereo cassette, low miles, extended dab, bedliner, cap. \$14,900. John Kennedy, (630) 852-4415.

1994 DODGE — Shadow, 4-door hatchback, PS, PB, AC, 60K miles, garage kept, lean, no rust, runs good. \$5,300 o.b.o. G.D. Kailus, (815) 436-6392.

1984 CHEVROLET — Caprice, 2-door, electric control seats, good tires, 89K miles, good shape. \$2,000. Paul Kurpis, (630) 971-1322.

1986 VOLVO — 240, good car, clean, little rust. \$1,600 o.b.o. Danny Sims, (708) 569-1827.

1988 MAZDA — 323 SE, runs well, good condition, AM/FM stereo, 5-speed, recent tune-up, new tires, large trunk, clean. \$1,500. Pat O'Malley, (773) 238-5615.

1987 FORD — Conversion van, hi-top 302 V8, excellent condition, loaded, 75K miles, 4 captain chairs, folding rear seat into bed, color TV, CB radio, excellent tires, brakes & exhaust system. \$4,500 o.b.o. Dale Mohr, (630) 305-7265.

1993 TOYOTA — Land Cruiser, 4 x 4, 4-door, seats 7, emerald green, gray leather interior, CD player, sun roof, tow package, 64K miles, all new tires & brakes. \$24,950. Jon Garcia, (630) 369-4990

HOUSING

LOT/SALE — 44' x 130', 706 Mack Street, Joliet, cathedral area, mature trees. \$22,500. Kimberly Herman Perona, (815) 723-8509.

LOT/SALE — Lake of the Ozarks. \$17,500. Todd Trotter, (630) 261-9750.

TIMESHARE/SALE — Austria. \$6,500 & exchangeable. Todd Trotter, (630) 261-9750.

HOUSE/SALE — Bolingbrook, 3 bedroom ranch, 1 bath, attached 1-car garage, fireplace, CAC, storage shed, new DW, gas range, tile in kitchen & bath, newer roof ('96), beautiful oak, built-in bookcases in family room, close to schools, shopping & village services. \$106,950. Kevin Brown, (630) 378-4630.

HOUSE/SALE — 708 Mack Street, Joliet, cathedral area, brick bungalow, 2 bedrooms, 1 remodeled bath, full finished basement, additional bedroom, CA, freshly painted. \$115,000. Kimberly Herman Perona, (815) 723-8509.

ROOM/RENT — 5 miles from Argonne, clean. \$450. Soenke Seifert, (630) 325-0497.

CONDO/SALE — 2 bedrooms, 2 baths, loft, 30' volume ceilings, 6 panel doors throughout, fireplace, track lighting, near I-88/Metra. \$128,500. Allen Sylvan, (630) 778-8643.

CONDO/RENT — Naperville, 2 bedrooms, 2 baths, garage, balcony, river view, convenient to everything, available August 1. \$800/month. John Scott, (630) 579-0543.

APARTMENT/RENT — Sweet, hip, one bedroom, June 1 - Nov. 30 (flexible), downtown Chicago, between Lawrence & Foster/Broadway & Clark. \$635. James Givmarra, (773) 275-4750.

HOUSE/SALE — Oak Lawn, excellent schools, 4 bedroom ranch, 2 baths, living room, dining room, CAC, 2.5 car detached garage, appliances stay, completely updated. \$134,900. Roger Rons, (708) 857-1525.

WANTED

BLOCKS — Large patio blocks. Rod Habbe, (815) 838-3444.

HOUSING — Housing for visiting scholar from India, June - November '98. Sylvia Hagamann, (815) 726-3577.

TO BE GIVEN AWAY

PLANTS — Hens & chickens ground cover, very hardy, low-maintenance type. Bernie Kestel, (630) 983-7334.

CAT — Adult, female house cat, spayed, declawed, 5 years old, w/supplies, selling due to allergic child. Pascal Colaianne, (630) 257-3169.

TELEVISION — Sony, Trinitron, 19", color TV, picture tube not working, use for parts. Leslie Poch, (630) 852-9135.